



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARK
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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Serial No. : (09 Series)

009,837 008,947 009,294
110,160 110,694 110,717
009,455 110,678 111,003
501,622 225,687 362,693

EXAMINER

ART UNIT PAPER NUMBER

DATE MAILED:

INTERVIEW SUMMARY
(Applicant's Representative) J. Melcher. J. S. Menauer
R. Mills
S. Brewer

All participants (applicant, applicant's representative, PTO personnel):
(1) W. Langel (exr) (3) V. Jagannathan (consultant)
(2) S. Kalafut (exr) (4) S. Griffin (SPE)
Date of Interview 2/21/01
D. Turner & S. Walsh (Observers)
H. Saptelle

Type: Telephonic Televideo Conference Personal (copy is given to Applicant Applicant's representative).

Exhibit shown or demonstration conducted: Yes No If yes, brief description: Slideshow & an attachment

Agreement was reached. was not reached.

Claim(s) discussed: All

Identification of prior art discussed: _____

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant clarified his theoretical viewpoint. Slide show referred to experimental data. Examiners advised that evidence must be submitted with the amendment in response to the outstanding office action. Applicant asked that an attachment be included.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has not been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

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Counsel for applicant requested disclosure of the following information as being reasonably related to the prosecution of the pending patent applications:

- 1) Identification of all Examiners and/or other than those other Patent Office personnel who were identified in the pending Office Actions, were consulted, or otherwise provided input, in the formulation of the rejections of record;
- 2) Identification of all outside consultants and/or other technical personnel, including, but not limited to, those of NIST, who were consulted, or otherwise provided input, in the formulation of the rejections of record;

3) Identification of all Patent Office officials responsible for the withdrawal of Appn Ser. No. 009,294 from issuance, and clarification of the factual circumstances surrounding that withdrawal; and

4) Identification of any and all outside sources of information that may have precipitated, or otherwise contributed to, the Patent Office's withdrawal of Appn. Ser. No. 009,294 from issuance.

The Patent office disagrees with
Applicant's counsel that the above-identified
information requested at the Interview is
germane to the issues raised in the
pending Office Actions. The Patent office,
refused to
therefore, ~~will not~~ respond to these lines of
inquiry during the Interview.



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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/501622	09/111003	Mills	
09/678730	09/501621		
09/009837	09/225687		
09/110678	10/076590		
09/111160			
09/362693	09/813792		
09/1009455			
09/669877			

EXAMINER

W. A. Langford

ART UNIT

PAPER NUMBER

1754

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) Mr. Melcher (3) Examiner Katafuchi
(2) Examiner Langford (4) Dr. Mills
Date of Interview 2-11-03 (5) Mr. Simenauer

Type: Telephonic Teletype Conference Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: all

Identification of prior art discussed: none

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Mr. Mills wanted compounds of the novel hydrogen, as well as some lower energy hydrogen. He also gave the participant article entitled "Novel Catalytic Reduction of Hydrogen as Potential New Energy Source from the Sun" (with Langford).

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04) If a reply to the last Office action has not been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

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Page 1 of 4 Wayne A. Langford



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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09/501622

11/15/01

Mills

Attorney Docket No.

EXAMINER

W.A. Lange

ART UNIT

PAPER NUMBER

1754

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) Shalay Silverman

(3) Ted Liu

(2) Pat Ryan

(4) Mr. Brewer

(5) Examiner Wagner

Date of Interview _____

Type: Telephonic Televideo Conference Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No If yes, brief description: _____

Agreement was reached. was not reached.

Claim(s) discussed: _____

Identification of prior art discussed: _____

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Contract between*
3M Major National Laboratory which is
located in St. Paul, Minn. See also the attachment.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has not been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

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2/13/03

ATTACHMENT TO INTERVIEW SUMMARY FORM

Applicant requested that the following points discussed at the interview held on February 11, 2003 be included as an Attachment to the Interview Summary Form.

Applicant's counsel and the Examiner in attendance at the interview agreed to meet again at a future date, either in person or by telephone, to continue discussions regarding the patentability of Applicant's pending patent applications. Specifically, the Examiner expressed concern that the Applicant's experimental evidence be commensurate with the scope of the claims. To address that concern, Applicant's counsel agreed with the Examiner to go through the patent ^{application} claim by claim with the Examiner and demonstrate how the scientific data supports those claims.

page 3 of 4
Wayne A. Lang

For ~~the~~ claims that are supported by the data, the PTO agrees to issue those claims. For those claim that the PTO determines are not supported by the data, Applicant will continue to seek that broader claim coverage in subsequent proceedings.

page 4 of 4
Wayne A. Langel



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/362,693	07/29/1999	RANDELL L. MILLS	62-226-9A	7170

20736 7590 02/26/2003
MANELLI DENISON & SELTER
2000 M STREET NW SUITE 700
WASHINGTON, DC 20036-3307

EXAMINER

LANGE, WAYNE A

ART UNIT	PAPER NUMBER
1754	214

DATE MAILED: 02/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
24	

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

Attached hereto is a "Supplement to Interview Summary" concerning the February 11, 2003 interview for Serial Nos. 09/501,622; 09/678,730; 09/009,837; 09/110,678; 09/111,160; 09/362,693; 09/009,455; 09/669,877; 09/111,003; 09/501,621; 09/225,687; 10/076,590; and 09/813,792.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wayne A. Langel whose telephone number is (703) 308-0248. The examiner can normally be reached on Monday through Friday from 8 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman, can be reached on (703) 308-3837. The fax phone number for this Group is (703) 305-7718.

Serial No. 09/362,693

-2-

Art Unit 1754

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-2351.

WAL:cdc
February 20, 2003

Supplement to Interview Summary

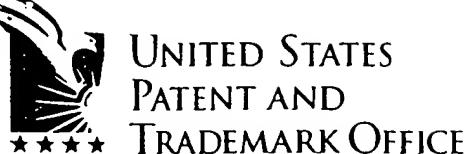
The following is a supplement to the summary concerning the February 11, 2003 interview re 09/501,622, etc. The attendees were Mr. Melcher, Examiner Langel, Examiner Kalafut, Dr. Mills, Mr. Simenauer, SPE Stanley Silverman, SPE Pat Ryan, Congressional Aid Ted Liu, Mr. Brewer, Examiner Wayner, and QAS Douglas McGinty. A two-page Interview Summary was provided by Examiner Langel. A two page "Attachment to Interview Summary Form" also was provided by Mr. Simenauer. While the Attachment may represent the applicant's understanding of the interview, two points must be clarified.

First, the second page of the applicant's attachment states in part: "For those claims that are supported by the data, the PTO agrees to issue those claims." The PTO made no such agreement. Instead, the PTO representatives indicated that the rejections under both 35 USC 101 and 112, 1st para., are outstanding and that evidence as to verification by credible, established, independent third parties would carry more persuasive weight.

Second, QAS Douglas McGinty was not listed in the Examiner's Interview Summary. He was present during the interview with the aforementioned attendees.

**Wayne Langel
Primary Examiner
Art Unit 1754**

*WAYNE A. LANGEL
PRIMARY EXAMINER*



UNITED STATES
PATENT AND
TRADEMARK OFFICE

FEB 20 2003

Commissioner for Patents
Washington, DC 20231
www.uspto.gov

Dear Patent Business Customer:

The United States Patent and Trademark Office ("Office") is now permitting and encouraging applicants to voluntarily submit amendments in a revised format as set forth in *AMENDMENTS IN A REVISED FORMAT NOW PERMITTED, Off. Gaz. Pat. Office* (February 25, 2003), currently available on the USPTO web site at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognitice/revamdtprac.htm>. The revised format permits amendments to the specification and claims to be made in a single marked-up version; the requirement for a clean version is eliminated. Attached, you will find a flyer with information and instructions regarding the procedures to be used to comply with the revised format. The flyers are being inserted with out-going Office actions mailed during the period of February 20, 2003 - March 31, 2003.

The revised amendment format is essentially the same as the amendment format for the specification, claims, and drawings that the Office is considering adopting via a revision to 37 CFR 1.121 (Manner of Making Amendments). The revision to 37 CFR 1.121 (if adopted) will simplify amendment submission and improve file management. This proposed revision and others necessary to facilitate a gradual transition to the use of an Electronic File Wrapper (EFW) will be set forth in a Notice of Proposed Rule making (NPR), expected to be published by March 2003. After consideration of public comments, the Office anticipates adopting a revision to § 1.121, following publication of a Notice of Final Rule making (NFR), expected by June 2003, at which point compliance with revised § 1.121 will be mandatory.

The Office will continue to accept your amendment submissions in the revised format during the voluntary period, which will extend up to the effective date of final revisions to § 1.121. The Office also encourages your feedback on the proposed revised amendment format and other changes set forth in the NPR, expected to be published by March 2003.

For assistance: Any questions regarding the submission of amendments pursuant to the revised practice should be directed to Office of Patent Legal Administration (OPLA), Legal Advisors Elizabeth Dougherty (Elizabeth.Dougherty@uspto.gov), Gena Jones (Eugenia.Jones@uspto.gov) or Joe Narcavage (Joseph.Narcavage@uspto.gov). Alternately, you may send e-mail to "Patent Practice", the OPLA e-mail address that has been established for receiving queries and questions about patent practice and procedures or telephone OPLA at (703) 305-1616.

A handwritten signature in black ink that reads "Nicholas P. Godici".

Nicholas P. Godici
Commissioner for Patents

Attachment: Flyer entitled: *Revised Notice* AMENDMENTS MAY NOW BE SUBMITTED IN REVISED FORMAT*



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Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09/110678 7-7-98 M. 115
09/362693

EXAMINER	
W.A. Lange	
ART UNIT	PAPER NUMBER
1754	35

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) Mr. Melcher (3) Examiner Lange
(2) Mr. Simenauer (4)

Date of Interview 4-14-03

Type: Telephonic Televideo Conference Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: 911

Identification of prior art discussed: none

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

The parties presented data establishing existence of lower energy hydrogen. Some of the data appeared to be missing from the file, and participants stated they would submit such data, especially independent (cont'd.)

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

It is not necessary for applicant to provide a separate record of the substance of the interview.

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page 1 of 2 Wayne A Lange



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Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/110678			
09/362693			

EXAMINER

ART UNIT	PAPER NUMBER

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) _____ (3) _____
(2) _____ (4) _____

Date of Interview: _____

Type: Telephonic Televideo Conference Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No If yes, brief description: _____

Agreement was reached. was not reached.

Claim(s) discussed: _____

Identification of prior art discussed: _____

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: *(Continued from page 1)*
test results #43 and #44 on page 25 of the
last fast response,

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

It is not necessary for applicant to provide a separate record of the substance of the interview.

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page 2 of 2 Wayne A. Foyel